

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuel cell, comprising:
 - a first substrate provided with a gas flow path to supply a first reaction gas;
 - a first electron collection layer formed on the first substrate;
 - a first gas diffusion layer formed on the first electron collection layer;
 - a first reaction layer formed on the first gas diffusion layer;
 - an electrolyte film formed on the first reaction layer;
 - a second reaction layer formed on the electrolyte film;
 - a second gas diffusion layer formed on the second reaction layer;
 - a second electron collection layer formed on the second gas diffusion layer;

and

a second substrate provided with a second gas flow path to supply a second reaction gas,

at least one of the first electron collection layer and the second electron collection layer constructed in porous form by stacking conductive material particles, the conductive material particles having at least one of a particle shape, an elliptical shape, and a cylindrical shape; and

_____ the at least one of the first electron collection layer and the second electron collection layer including a plurality of rows, with the conductive material particles in each row separated by gaps, a conductive material particle in one row being in contact with a conductive material particles in an adjacent row.

2. (Previously Presented) The fuel cell according to Claim 1,
at least one of the first reaction layer and the second reaction layer constructed
by stacking metal particles.

3. (Withdrawn-Currently Amended) A method of manufacturing a fuel cell,
comprising:

forming a first gas flow path to supply a first reaction gas in a first substrate;

forming a first electron collection layer to collect electrons generated by

reacting the first reaction gas supplied through the first gas flow path;

forming a first gas diffusion layer on the first electron collection layer;

forming a first reaction layer to react the first reaction gas supplied through the
first gas flow path with a catalyst;

forming an electrolyte film;

forming a second gas flow path to supply a second reaction gas in a second
substrate;

forming a second electron collection layer supplying electrons with which a
second reaction gas supplied through the second gas flow path reacts; and

forming a second reaction layer to react a second reaction gas supplied through
the second gas flow path with catalyst, and

forming a second gas diffusion layer on the second reaction layer;

at least one of the first electron collection layer forming and the second
electron collection layer forming includes forming the electron collection layer in porous
form by stacking conductive material particles, the conductive material particles having at
least one of a particle shape, an elliptical shape, and a cylindrical shape, by applying material
to form the electron collection layer onto the first substrate or the second substrate at
predetermined intervals, the predetermined intervals forming a desired pattern.

4. (Withdrawn) The method according to Claim 3,
the material to form the electron collection layer applied using a discharging
device.
5. (Withdrawn) The method according to Claim 3,
at least one of the first reaction layer forming and the second reaction layer
forming including forming the reaction layer by applying material to form the reaction layer
onto the first substrate or the second substrate at predetermined intervals.
6. (Withdrawn) The method according to Claim 3,
the material to form the reaction layer applied using a discharging device.
7. (Previously Presented) An electronic apparatus, comprising:
the fuel cell according to Claim 1 as a power supply source.
8. (Previously Presented) A vehicle, comprising:
the fuel cell according to Claim 1 as a power supply source.
9. (Withdrawn) The method according to Claim 4,
the discharging device being an inkjet discharging device.
10. (Withdrawn) The method according to Claim 6,
the discharging device being an inkjet discharging device.